

Tseng, Antony

From: Tseng, Antony
Sent: Monday, November 18, 2013 10:51 AM
To: Guha, Biswarup
Cc: O'Connor, Rosella T.
Subject: RE: TECH TRANSFER OF THE NY/NJ HARBOR WATER QUALITY MODELS

Roop,

Yes. EPA contract rules forced us to deviate from procuring the virtual machine. Also, EPA will be in charge of distributing the model as per more rules.

- Antony

-----Original Message-----

From: Guha, Biswarup [mailto:Biswarup.Guha@dep.state.nj.us]
Sent: Monday, November 18, 2013 10:31 AM
To: Tseng, Antony
Subject: FW: TECH TRANSFER OF THE NY/NJ HARBOR WATER QUALITY MODELS

Hi Anthony,

I found an email from you outlining what HDR would provide us. Not sure if there were subsequent emails. Per the information below, it seems that HDR would setup the external drive with the operating system and compiler environment (Virtual Machine) needed to run the model. Have we moved away from this?

Thanks,
Roop.

From: Tseng, Antony [mailto:Tseng.Antony@epa.gov]
Sent: Wednesday, April 03, 2013 3:16 PM
To: Hirst, Barbara; Angus Eaton
Cc: Gratz, Jeff; Locicero, Felix; O'Connor, Rosella T.; Nyman, Robert
Subject: TECH TRANSFER OF THE NY/NJ HARBOR WATER QUALITY MODELS

Dear Barbara and Angus,

The following NY/NJ Harbor Model transfer is what EPA will provide NJDEC and NYSDEC:

- a) Transmittal of model codes used to calculate the TMDLs for Pathogens, Nutrients, and Toxics
 - 1. EPA and State(s) must provide HDR HydroQual a 500GB to 1TB external drive. HDR HydroQual will setup the external drive with the operating system and compiler environment needed to run the model. HDR HydroQual calls this a virtual machine.
 - 2. No hardware or private software may be purchased by EPA for the States.
- b) Training and Technical Support Costs

1. One day of TMDL Model instruction
 2. The one day training will be video-recorded and will be provided to the states for future reference.
 3. 24 hours of technical support available to each NJDEP, NYSDEC and EPA after the training.
- The administrative records of the draft TMDL documents that RTI/HDR Hydroqual are finalizing will include model input and output files.

The above provides NJDEP, NYSDEC and EPA with the software, training and support it should need to run the models. The CARP transfer was equivalent to (a) above and they were able to run the model. With the additional training and support provided in (b) above NJDEP & NYSDEC should also be able to run these models using current and future loads and flows. I understand that the above does not include everything NJDEP has requested but EPA available funds are not sufficient to provide NJDEP its last request nor is the last request necessary for NJDEP to run the model using current and future loads and flows.

Please indicate your agreement with the above model transfer and a date by which you will provide HDR HydroQual the required hard drive. If you are in agreement, we will start the process.

Thanks,
- Antony

Antony Tseng
US EPA Region 2
Clean Water Regulatory Branch
TMDL/Standards Section
290 Broadway, 24th Fl
New York, NY 10007-1866
(212) 637-3777 / fax (212) 637-3891

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